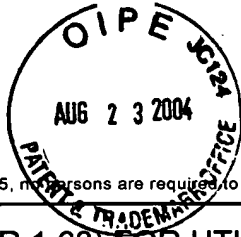


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PTO/SB/01A (06-03)
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76)**

Title of Invention Solid-State Beta Detector for Microfluidic Devices

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
☒ Application No. 10/828,844 filed on 04/21/2004
☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor one: Charles W. ALVORD

Signature: *Charles W. Alvord* Citizen of: USA

Inventor two: Charles Russell BUCHANAN

Signature: *Charles Russell Buchanan* Citizen of: USA

Inventor three: Joseph C. MATTEO

Signature: *Joseph C. Matteo* Citizen of: USA

Inventor four: Henry Clifton. PADGETT

Signature: *Henry Clifton. Padgett* Citizen of: USA

☒ Additional inventors are being named on 1 additional form(s) attached hereto.

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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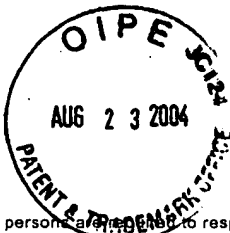
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Title of Invention	Solid-State Beta Detector for Microfluidic Devices
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FULL NAME OF INVENTOR(S)	
Inventor one:	<u>Charles W. ALVORD</u>
Signature: _____	Citizen of: <u>USA</u>
Inventor two:	<u>Charles Russell. BUCHANAN</u>
Signature: _____	Citizen of: <u>USA</u>
Inventor three:	<u>Joseph C. MATTEO</u>
Signature: _____	Citizen of: <u>USA</u>
Inventor four:	<u>Henry Clifton. PADGETT</u>
Signature: <u>Henry C. Padgett</u>	Citizen of: <u>USA</u>
<input checked="" type="checkbox"/> Additional inventors are being named on <u>1</u> additional form(s) attached hereto.	

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FULL NAME OF INVENTOR(S)

Inventor one: Thomas Lee. COLLIER

Signature: [Signature]

Citizen of: ~~USA~~ CANADA

Inventor two: _____

Signature: _____

Citizen of: _____

Inventor three: _____

Signature: _____

Citizen of: _____

Inventor four: _____

Signature: _____

Citizen of: _____

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